

PATENT

Docket No.: FRAV2003/0002 US NP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **Patek, Marcel et al.**

Examiner: Not yet assigned

Application No.: **10/770,382**

Art Unit: 1614

Filed: **February 2, 2004**

Title: **Novel Cyclic Urea Derivatives, Preparation
Thereof and Pharmaceutical Use Thereof As
Kinase Inhibitors**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

4-19-05

Date of Deposit

Signature

Marcel Mendez

CORRECTION OF INVENTORSHIP IN A PATENT
APPLICATION UNDER 37 C.F.R. §1.48(a)

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is an amendment to correct an error in the nonjoinder of inventors in the above patent application. Enclosed please find the required documents for support:

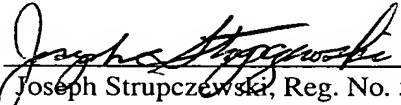
- (1) A request, pursuant to 37 CFR §1.48 (a)(1), to correct the inventorship that sets forth the desired inventorship change.
- (2) A statement, pursuant to 37 C.F.R. §1.48(a)(2), from Didier Benard who is being added as an inventor;
- (3) A declaration by the actual inventors; pursuant to 37 C.F.R. §1.48(a)(3)
- (4) Pursuant to 37 C.F.R. §1.48(a)(4), the processing fee set forth in 37 C.F.R. §1.17(i)
- (5) The written consent of the assignee, Aventis Pharma S.A., pursuant to 37 CFR §1.48(a)(5);
- (6) A statement under 37 CFR §3.73(b), establishing the right of assignee to take action, further including the statement that establishes the right of the assignee to take action regarding the instant patent application; and
- (7) An assignment, concurrently submitted herewith for recordal, signed by Didier Benard

04/25/2005 BABRAHA1 00000008 181982 10770382

01 FC:1464 130.00 DA

The Commissioner is hereby authorized to charge the fee required and any additional fees that may be needed to Deposit Account No. **18-1982** for Aventis Pharmaceuticals Inc., Bridgewater, NJ. Please credit an overpayment to Deposit Account No. **18-1982**. A copy of the Fee Transmittal letter is enclosed for accounting purposes.

Respectfully submitted,


Joseph Strupczewski, Reg. No. 50,903
Agent/Attorney for Applicant

Aventis Pharmaceuticals Inc.
Patent Department
Route #202-206 / P.O. Box 6800
Bridgewater, New Jersey 08807-0800
Telephone: 908-231-2387
Telefax: 908-231-2626

Docket No. FRAV2003/0002 US NP



PATENT

Docket No.: FRAV2003/0002 US NP

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4-19-05
Date of Deposit

Signature *Mark Mendz*

STATEMENT OF NON-DECEPTIVE INTENT BY PERSON BEING ADDED BY AMENDMENT TO CORRECT INVENTORSHIP IN PATENT APPLICATION UNDER 37 C.F.R. §1.48(a)(2))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I, Didier Bénard who is being added as an inventor by amendment being submitted to correct the inventorship of this patent application do hereby declare that the inventorship error in failing to include my name as an inventor on this patent application occurred without any deceptive intention on my part.

Dated: *February 16, 2005*

Aventis Pharma S.A.
20 Avenue Raymond Aron
Antony, Cedex
France 92165

Respectfully submitted,

Didier BENARD

Didier Bénard

Aventis Pharmaceuticals Inc.
Patent Department
Route #202-206 / P.O. Box 6800
Telephone: 908-231-2387
Telefax: 908-231-2626



UNITED STATES OF AMERICA

**DECLARATION
FOR PATENT APPLICATION**

As a below named inventor(s), I/We hereby declare that:

My/Our residence(s), post office address(es) and citizenship(s) are as stated below my name(s).
I/We verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is claimed
and for which a patent is sought on the invention entitled:

**NOVEL CYCLIC UREA DERIVATIVES, PREPARATION THEREOF AND PHARMACEUTICAL
USE THEREOF AS KINASE INHIBITORS**

and the specification of which ☐ is attached hereto (Aventis Docket No. **FRAV2003/0002 US NP**)
(check one) ☒ was filed on **February 2, 2004** as U.S. Application Number **10/770,382**
and was amended on _____ (if applicable).
☐ was described and claimed in PCT Int'l Application Number _____ filed on _____
and as amended under PCT Article 19 on _____ (if any).

I/We hereby state that I/We have reviewed and understand the contents of the above identified specification,
including the claims as amended by any amendment referred to above.
I/We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me/us to
be material to patentability as defined in 37 C.F.R. 1.56.

☒ I/We hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) or 365 (b) of any foreign
application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at
least one other country other than the United States of America, listed below and having a filing date before that of
the application on which priority is claimed. I/We have also identified below any foreign application for patent or
inventor's certificate having a filing date before that of the application on which priority is claimed:

Foreign Priority: **03 01098** **FRANCE** **31 January 2003**
Number Country Day/Month/Year Filed

Prior Foreign Appln(s): _____
Number Country Day/Month/Year Filed

☒ I/We hereby claim the benefit under Title 35, United States Code §119(e) of any United States Provisional
application(s) listed below:

60/468,685 **May 7, 2003**
Number Filing Date

☐ I/We hereby claim the benefit under Title 35, United States Code §120 or 365(c) of any United States
application(s) or international application designating the United States listed below and, insofar as the subject
matter of each of the claims of this application is not disclosed in the prior United States application in the manner
provided by the first paragraph of Title 35, United States Code §112, I/We acknowledge the duty to disclose
information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which
became available between the filing date of the prior application and the national or PCT international filing date of
this application.

Application Serial No. Filing Date Status (Patented, Pending)

I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information
and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements
and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States code §1001, and that such
willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventors(s): ☒ Additional names and signatures are attached.

1. Full name: **Marcel PATEK**

Signature:

Date: **10/20/2004**

Country of Citizenship: **United States**

Residence: **Tucson, AZ**
(City and State/City and Country only)

P. O. Address: **6965 N. Leonardo da Vinci Way**
Tucson, AZ 85704

2. Full name: **Anil NAIR**

Signature:

Date: **10-20-2004**

Country of Citizenship: **India**

Residence: **Tucson, AZ**
(City and State/City and Country only)

P. O. Address: **12936 Salt Cedar Drive**
Tucson, AZ 85737

3. Full name: Augustin HITTINGER

Signature: _____

Date: _____

Country of Citizenship: France

Residence: Igny, FRANCE

(City and State/City and Country only)

P. O. Address: 11 rue Gallieni

91430 Igny, FRANCE

4. Full name: Conception NEMECEK

Signature: _____

Date: _____

Country of Citizenship: France

Residence: Thiais, FRANCE

(City and State/City and Country only)

P. O. Address: 65 rue Maurepas

94320 Thiais, FRANCE

5. Full name: Daniel BOND

Signature: 

Date: 10/21/04

Country of Citizenship: United States

Residence: Tucson, AZ

(City and State/City and Country only)

P. O. Address: 5113 West Bluejay

Tucson, AZ 85742

6. Full name: Greg HARLOW

Signature: _____

Date: _____

Country of Citizenship: United States

Residence: Boulder, CO

(City and State/City and Country only)

P. O. Address: 862 Cypress Drive

Boulder, CO 80303

7. Full name: Herve BOUCHARD

Signature: _____

Date: _____

Country of Citizenship: France

Residence: Thiais, FRANCE

(City and State/City and Country only)

P. O. Address: 7 allée de la Prevote

94320 Thiais, FRANCE

8. Full name: Jacques MAUGER

Signature: 

Date: 10-26-04

Country of Citizenship: France

Residence: Tucson, AZ

(City and State/City and Country only)

P. O. Address: 7674 North Andover Street

Tucson, AZ 85704

9. Full name: Jean-Luc MALLERON

Signature: _____

Date: _____

Country of Citizenship: France

Residence: Marcoussis, FRANCE

(City and State/City and Country only)

P. O. Address: 2 allée Renoir

91460 Marcoussis, FRANCE

10. Full name: Mark PALERMO

Signature: 

Date: 11/3/04

Country of Citizenship: United States

Residence: Rindge, NH

(City and State/City and Country only)

P. O. Address: 45 Taggart Circle

Rindge, NH 03461

11. Full name: **Fahad AL-OBEIDI**

Signature: *Fahad al-Obeidi*

Date: 10-26-2004

Country of Citizenship: ~~IRAQ~~ U.S.A.

Residence: **Tucson, AZ**

(City and State/City and Country only)

P. O. Address: **6798 N. Corte Calabaza**

Tucson, AZ 85704

12. Full name: **Thomas FAITG**

Signature: _____

Date: _____

Country of Citizenship: **France**

Residence: **Exton, PA**

(City and State/City and Country only)

P. O. Address: **206 Falkirk Place**

Exton, PA 19341

13. Full name: **Hartmut STROBEL**

Signature: _____

Date: _____

Country of Citizenship: **Germany**

Residence: **Liederbach, GERMANY**

(City and State/City and Country only)

P. O. Address: **Erlenweg 22**

65835 Liederbach, GERMANY

14. Full name: **Sven RUF**

Signature: _____

Date: _____

Country of Citizenship: **Germany**

Residence: **Floersheim, GERMANY**

(City and State/City and Country only)

P. O. Address: **Parkstrasse 9**

65439 Floersheim, GERMANY

15. Full name: **Kurt RITTER**

Signature: _____

Date: _____

Country of Citizenship: **Germany**

Residence: **Frankfurt Am Main, GERMANY**

(City and State/City and Country only)

P. O. Address: **Gutzkowstrasse 2**

60594 Frankfurt Am Main, GERMANY

16. Full name: **Youssef EL-AHMAD**

Signature: _____

Date: _____

Country of Citizenship: **France**

Residence: **Creteil, FRANCE**

(City and State/City and Country only)

P. O. Address: **11 avenue de Verdun**

94000 Creteil, FRANCE

17. Full name: **Dominique LESUISSE**

Signature: _____

Date: _____

Country of Citizenship: **BELGIUM**

Residence: **Montreuil, FRANCE**

(City and State/City and Country only)

P. O. Address: **11 rue des Federes**

93100 Montreuil, FRANCE

18. Full name: **Didier BÉNARD**

Signature: _____

Date: _____

Country of Citizenship: **FRANCE**

Residence: **Attainville, FRANCE**

(City and State/City and Country only)

P. O. Address: **4, Allée du Parc**

95570 Attainville, FRANCE

Customer No.: 005487

Aventis Pharmaceuticals Inc.

Patent Department

Route #202-206

P.O. Box 6800

Mail Code D-303A

Bridgewater, NJ 08807-0800

Telephone (908) 231-5674

Telefax (908) 231-2626

Aventis Docket No. FRAV2003/0002 US NP

**DECLARATION
FOR PATENT APPLICATION**

As a below named inventor(s), I/We hereby declare that:

My/Our residence(s), post office address(es) and citizenship(s) are as stated below my name(s).
I/We verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**NOVEL CYCLIC UREA DERIVATIVES, PREPARATION THEREOF AND PHARMACEUTICAL
USE THEREOF AS KINASE INHIBITORS**

and the specification of which ☐ is attached hereto (Aventis Docket No. **FRAV2003/0002 US NP**)
(check one) ☒ was filed on **February 2, 2004** as U.S. Application Number **10/770,382**
and was amended on _____ (if applicable).
☐ was described and claimed in PCT Int'l Application Number _____ filed on _____
and as amended under PCT Article 19 on _____ (if any).

I/We hereby state that I/We have reviewed and understand the contents of the above identified specification, including the claims as amended by any amendment referred to above.
I/We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 C.F.R. 1.56.

☒ I/We hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) or 365 (b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one other country other than the United States of America, listed below and having a filing date before that of the application on which priority is claimed. I/We have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Foreign Priority:	<u>03 01098</u> Number	<u>FRANCE</u> Country	<u>31 January 2003</u> Day/Month/Year Filed
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Prior Foreign Appln(s):	Number	Country	Day/Month/Year Filed
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☒ I/We hereby claim the benefit under Title 35, United States Code §119(e) of any United States Provisional application(s) listed below:

<u>60/468,685</u> Number	<u>May 7, 2003</u> Filing Date
-----------------------------	-----------------------------------

☐ I/We hereby claim the benefit under Title 35, United States Code §120 or 365(c) of any United States application(s) or international application designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I/We acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Application Serial No.	Filing Date	Status (Patented, Pending)
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I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States code §1001, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventors(s): ☒ Additional names and signatures are attached.

1. Full name: Marcel PATEK

Signature:
Date: 10/20/2004

Country of Citizenship: United States

Residence: Tucson, AZ
(City and State/City and Country only)

P. O. Address: 6965 N. Leonardo da Vinci Way
Tucson, AZ 85704

2. Full name: Anil NAIR

Signature:
Date: 10-20-2004

Country of Citizenship: India

Residence: Tucson, AZ
(City and State/City and Country only)

P. O. Address: 12936 Salt Cedar Drive
Tucson, AZ 85737

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Signature: _____

Date: _____

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Tucson, AZ 85742

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Signature: _____

Date: _____

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Boulder, CO 80303

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Rindge, NH 03461

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Signature: *Fahad al-obeidi*

Date: 10-26-2004

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Residence: **Tucson, AZ**

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65835 Liederbach, GERMANY

14. Full name: **Sven RUF**

Signature: _____

Date: _____

Country of Citizenship: **Germany**

Residence: **Floersheim, GERMANY**

(City and State/City and Country only)

P. O. Address: **Parkstrasse 9**

65439 Floersheim, GERMANY

15. Full name: **Kurt RITTER**

Signature: _____

Date: _____

Country of Citizenship: **Germany**

Residence: **Frankfurt Am Main, GERMANY**

(City and State/City and Country only)

P. O. Address: **Gutzkowstrasse 2**

60594 Frankfurt Am Main, GERMANY

16. Full name: **Youssef EL-AHMAD**

Signature: _____

Date: _____

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Residence: **Creteil, FRANCE**

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94000 Creteil, FRANCE

17. Full name: **Dominique LESUISSE**

Signature: _____

Date: _____

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Residence: **Montreuil, FRANCE**

(City and State/City and Country only)

P. O. Address: **11 rue des Federes**

93100 Montreuil, FRANCE

18. Full name: **Didier BÉNARD**

Signature: _____

Date: _____

Country of Citizenship: **FRANCE**

Residence: **Attainville, FRANCE**

(City and State/City and Country only)

P. O. Address: **4, Allée du Parc**

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Aventis Pharmaceuticals Inc.

Patent Department

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Aventis Docket No. FRAV2003/0002 US NP



UNITED STATES OF AMERICA

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My/Our residence(s), post office address(es) and citizenship(s) are as stated below my name(s).
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Application Serial No.	Filing Date	Status (Patented, Pending)
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and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States code §1001, and that such
willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventors(s): ☒ Additional names and signatures are attached.1. Full name: **Marcel PATEK**

Signature: _____

Date: _____

Country of Citizenship: **United States**Residence: **Tucson, AZ**
(City and State/City and Country only)P. O. Address: **6965 N. Leonardo da Vinci Way**
Tucson, AZ 857042. Full name: **Anil NAIR**

Signature: _____

Date: _____

Country of Citizenship: **India**Residence: **Tucson, AZ**
(City and State/City and Country only)P. O. Address: **12936 Salt Cedar Drive**
Tucson, AZ 85737

3. Full name: Augustin HITTINGER

Signature: _____

Date: _____

Country of Citizenship: France

Residence: Ignny, FRANCE
(City and State/City and Country only)

P. O. Address: 11 rue Gallieni
91430 Ignny, FRANCE

4. Full name: Conception NEMECEK

Signature: _____

Date: _____

Country of Citizenship: France

Residence: Thiais, FRANCE
(City and State/City and Country only)

P. O. Address: 65 rue Maurepas
94320 Thiais, FRANCE

5. Full name: Daniel BOND

Signature: _____

Date: _____

Country of Citizenship: United States

Residence: Tucson, AZ
(City and State/City and Country only)

P. O. Address: 5113 West Bluejay
Tucson, AZ 85742

6. Full name: Greg HARLOW

Signature: _____

Date: _____

Country of Citizenship: United States

Residence: Boulder, CO
(City and State/City and Country only)

P. O. Address: 862 Cypress Drive
Boulder, CO 80303

7. Full name: Herve BOUCHARD

Signature: _____

Date: _____

Country of Citizenship: France

Residence: Thiais, FRANCE
(City and State/City and Country only)

P. O. Address: 7 allée de la Prevote
94320 Thiais, FRANCE

8. Full name: Jacques MAUGER

Signature: _____

Date: _____

Country of Citizenship: France

Residence: Tucson, AZ
(City and State/City and Country only)

P. O. Address: 7674 North Andover Street
Tucson, AZ 85704

9. Full name: Jean-Luc MALLERON

Signature: _____

Date: _____

Country of Citizenship: France

Residence: Marcoussis, FRANCE
(City and State/City and Country only)

P. O. Address: 2 allée Renoir
91460 Marcoussis, FRANCE

10. Full name: Mark PALERMO

Signature: _____

Date: _____

Country of Citizenship: United States

Residence: Peapack, NJ
(City and State/City and Country only)

P. O. Address: 15 Orchard Street
Califon, NJ 07830

11. Full name: Fahad AL-OBEIDI

Signature: _____

Date: _____

Country of Citizenship: IRAQ

Residence: Tucson, AZ
(City and State/City and Country only)

P. O. Address: 6798 N. Corte Calabaza
Tucson, AZ 85704

12. Full name: Thomas FAITG

Signature: _____

Date: _____

Country of Citizenship: France

Residence: Exton, PA
(City and State/City and Country only)

P. O. Address: 206 Falkirk Place
Exton, PA 19341

13. Full name: Hartmut STROBEL

Signature: Hartmut Strobel

Date: 26.10.04

Country of Citizenship: Germany

Residence: Liederbach, GERMANY
(City and State/City and Country only)

P. O. Address: Erlenweg 22
65835 Liederbach, GERMANY

14. Full name: Sven RUF

Signature: Sven Ruf

Date: 26.10.04

Country of Citizenship: Germany

Residence: Floersheim, GERMANY
(City and State/City and Country only)

P. O. Address: Parkstrasse 9
65439 Floersheim, GERMANY

15. Full name: Kurt RITTER

Signature: Kurt Ritter

Date: 26.10.04

Country of Citizenship: Germany

Residence: Frankfurt Am Main, GERMANY
(City and State/City and Country only)

P. O. Address: Gutzkowstrasse 2
60594 Frankfurt Am Main, GERMANY

16. Full name: Youssef EL-AHMAD

Signature: _____

Date: _____

Country of Citizenship: France

Residence: Creteil, FRANCE
(City and State/City and Country only)

P. O. Address: 11 avenue de Verdun
94000 Creteil, FRANCE

17. Full name: Dominique LESUISSE

Signature: _____

Date: _____

Country of Citizenship: BELGIUM

Residence: Montreuil, FRANCE
(City and State/City and Country only)

P. O. Address: 11 rue des Federes
93100 Montreuil, FRANCE

18. Full name: Didier BÉNARD

Signature: _____

Date: _____

Country of Citizenship: FRANCE

Residence: Attainville, FRANCE
(City and State/City and Country only)

P. O. Address: 4, Allée du Parc
95570 Attainville, FRANCE

Customer No.: 005487
Aventis Pharmaceuticals Inc.
Patent Department
Route #202-206
P.O. Box 6800
Mail Code D-303A
Bridgewater, NJ 08807-0800
Telephone (908) 231-5674
Telefax (908) 231-2626
Aventis Docket No. FRAV2003/0002 US NP



UNITED STATES OF AMERICA

**DECLARATION
FOR PATENT APPLICATION**

As a below named inventor(s), I/We hereby declare that:

My/Our residence(s), post office address(es) and citizenship(s) are as stated below my name(s).
I/We verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is claimed
and for which a patent is sought on the invention entitled:

**NOVEL CYCLIC UREA DERIVATIVES, PREPARATION THEREOF AND PHARMACEUTICAL
USE THEREOF AS KINASE INHIBITORS**

and the specification of which (check one) ☐ is attached hereto (Aventis Docket No. **FRAV2003/0002 US NP**)
☒ was filed on **February 2, 2004** as U.S. Application Number **10/770,382**
and was amended on _____ (if applicable).
☐ was described and claimed in PCT Int'l Application Number _____ filed on _____
and as amended under PCT Article 19 on _____ (if any).

I/We hereby state that I/We have reviewed and understand the contents of the above identified specification,
including the claims as amended by any amendment referred to above.
I/We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me/us to
be material to patentability as defined in 37 C.F.R. 1.56.

☒ I/We hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) or 365 (b) of any foreign
application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at
least one other country other than the United States of America, listed below and having a filing date before that of
the application on which priority is claimed. I/We have also identified below any foreign application for patent or
inventor's certificate having a filing date before that of the application on which priority is claimed:

Foreign Priority: **03 01098** **FRANCE** **31 January 2003**
Number Country Day/Month/Year Filed

Prior Foreign Appln(s): _____
Number Country Day/Month/Year Filed

☒ I/We hereby claim the benefit under Title 35, United States Code §119(e) of any United States Provisional
application(s) listed below:

60/468,685 **May 7, 2003**
Number Filing Date

☐ I/We hereby claim the benefit under Title 35, United States Code §120 or 365(c) of any United States
application(s) or international application designating the United States listed below and, insofar as the subject
matter of each of the claims of this application is not disclosed in the prior United States application in the manner
provided by the first paragraph of Title 35, United States Code §112, I/We acknowledge the duty to disclose
information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which
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this application.

Application Serial No. Filing Date Status (Patented, Pending)

I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information
and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements
and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States code §1001, and that such
willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventors(s): ☒ Additional names and signatures are attached.

1. Full name: **Marcel PATEK**

Signature: _____

Date: _____

Country of Citizenship: **United States**

Residence: **Tucson, AZ**
(City and State/City and Country only)

P. O. Address: **6965 N. Leonardo da Vinci Way**
Tucson, AZ 85704

2. Full name: **Anil NAIR**

Signature: _____

Date: _____

Country of Citizenship: **India**

Residence: **Tucson, AZ**
(City and State/City and Country only)

P. O. Address: **12936 Salt Cedar Drive**
Tucson, AZ 85737

3. Full name: Augustin HITTINGER

Signature: Augustin Hittinger

Date: 25th October, 2004

Country of Citizenship: France

Residence: igny, FRANCE
(City and State/City and Country only)

P. O. Address: 11 rue Gallieni
91430 Igny, FRANCE

4. Full name: Conception NEMECEK

Signature: Conception Nemecek

Date: 25th October 2004

Country of Citizenship: France

Residence: Thiais, FRANCE
(City and State/City and Country only)

P. O. Address: 65 rue Maurepas
94320 Thiais, FRANCE

5. Full name: Daniel BOND

Signature: _____

Date: _____

Country of Citizenship: United States

Residence: Tucson, AZ
(City and State/City and Country only)

P. O. Address: 5113 West Bluejay
Tucson, AZ 85742

6. Full name: Greg HARLOW

Signature: _____

Date: _____

Country of Citizenship: United States

Residence: Boulder, CO
(City and State/City and Country only)

P. O. Address: 862 Cypress Drive
Boulder, CO 80303

7. Full name: Herve BOUCHARD

Signature: Hervé Boucard

Date: 25th October, 2004

Country of Citizenship: France

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(City and State/City and Country only)

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94320 Thiais, FRANCE

8. Full name: Jacques MAUGER

Signature: _____

Date: _____

Country of Citizenship: France

Residence: Tucson, AZ
(City and State/City and Country only)

P. O. Address: 7674 North Andover Street
Tucson, AZ 85704

9. Full name: Jean-Luc MALLERON

Signature: Jean-Luc Malleron

Date: 25 October 2004

Country of Citizenship: France

Residence: Marcoussis, FRANCE
(City and State/City and Country only)

P. O. Address: 2 allée Renoir
91460 Marcoussis, FRANCE

10. Full name: Mark PALERMO

Signature: _____

Date: _____

Country of Citizenship: United States

Residence: Rindge, NH
(City and State/City and Country only)

P. O. Address: 45 Taggart Circle
Rindge, NH 03461

11. Full name: Fahad AL-OBEIDI

Signature: _____

Date: _____

Country of Citizenship: IRAQ

Residence: Tucson, AZ
(City and State/City and Country only)

P. O. Address: 6798 N. Corte Calabaza
Tucson, AZ 85704

12. Full name: Thomas FAITG

Signature: _____

Date: _____

Country of Citizenship: France

Residence: Exton, PA
(City and State/City and Country only)

P. O. Address: 206 Falkirk Place
Exton, PA 19341

13. Full name: Hartmut STROBEL

Signature: _____

Date: _____

Country of Citizenship: Germany

Residence: Liederbach, GERMANY
(City and State/City and Country only)

P. O. Address: Erlenweg 22
65835 Liederbach, GERMANY

14. Full name: Sven RUF

Signature: _____

Date: _____

Country of Citizenship: Germany

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Signature: _____

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16. Full name: Youssef EL-AHMAD

Signature: Youssef EL-Ahmad

Date: 25th October, 2004

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Residence: Creteil, FRANCE
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P. O. Address: 11 avenue de Verdun
94000 Creteil, FRANCE

17. Full name: Dominique LESUISSE

Signature: Dominique Lesuisse

Date: 25th October 2004

Country of Citizenship: BELGIUM

Residence: Montreuil, FRANCE
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P. O. Address: 11 rue des Federes
93100 Montreuil, FRANCE

18. Full name: Didier BÉNARD

Signature: D. Benard

Date: 25th October 2004

Country of Citizenship: FRANCE

Residence: Attainville, FRANCE
(City and State/City and Country only)

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Telefax (908) 231-2626
Aventis Docket No. FRAV2003/0002 US NP



UNITED STATES OF AMERICA

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As a below named inventor(s), I/We hereby declare that:

My/Our residence(s), post office address(es) and citizenship(s) are as stated below my name(s).
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(check one) ☒ was filed on **February 2, 2004** as U.S. Application Number **10/770,382**
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☐ was described and claimed in PCT Int'l Application Number _____ filed on _____
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inventor's certificate having a filing date before that of the application on which priority is claimed:

Foreign Priority:	03 01098 Number	FRANCE Country	31 January 2003 Day/Month/Year Filed
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Prior Foreign Appln(s):	Number	Country	Day/Month/Year Filed
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☒ I/We hereby claim the benefit under Title 35, United States Code §119(e) of any United States Provisional
application(s) listed below:

60/468,685 Number	May 7, 2003 Filing Date
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Application Serial No.	Filing Date	Status (Patented, Pending)
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and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements
and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States code §1001, and that such
willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventors(s): ☒ Additional names and signatures are attached.

1. Full name: **Marcel PATEK**

Signature: _____

Date: _____

Country of Citizenship: **United States**

Residence: **Tucson, AZ**
(City and State/City and Country only)

P. O. Address: **6965 N. Leonardo da Vinci Way**
Tucson, AZ 85704

2. Full name: **Anil NAIR**

Signature: _____

Date: _____

Country of Citizenship: **India**

Residence: **Tucson, AZ**
(City and State/City and Country only)

P. O. Address: **12936 Salt Cedar Drive**
Tucson, AZ 85737

3. Full name: Augustin HITTINGER

Signature: _____

Date: _____

Country of Citizenship: France

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91430 Ignny, FRANCE

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Date: _____

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94320 Thiais, FRANCE

5. Full name: Daniel BOND

Signature: _____

Date: _____

Country of Citizenship: United States

Residence: Tucson, AZ
(City and State/City and Country only)

P. O. Address: 5113 West Bluejay
Tucson, AZ 85742

6. Full name: Greg HARLOW

Signature: 

Date: 11-11-04

Country of Citizenship: United States

Residence: Boulder, CO
(City and State/City and Country only)

P. O. Address: 862 Cypress Drive
Boulder, CO 80303

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Signature: _____

Date: _____

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(City and State/City and Country only)

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94320 Thiais, FRANCE

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Signature: _____

Date: _____

Country of Citizenship: France

Residence: Tucson, AZ
(City and State/City and Country only)

P. O. Address: 7674 North Andover Street
Tucson, AZ 85704

9. Full name: Jean-Luc MALLERON

Signature: _____

Date: _____

Country of Citizenship: France

Residence: Marcoussis, FRANCE
(City and State/City and Country only)

P. O. Address: 2 allée Renoir
91460 Marcoussis, FRANCE

10. Full name: Mark PALERMO

Signature: _____

Date: _____

Country of Citizenship: United States

Residence: Peapack, NJ
(City and State/City and Country only)

P. O. Address: 15 Orchard Street
Califon, NJ 07830

11. Full name: Fahad AL-OBEIDI

Signature: _____

Date: _____

Country of Citizenship: IRAQ

Residence: Tucson, AZ
(City and State/City and Country only)

P. O. Address: 6798 N. Corte Calabaza
Tucson, AZ 85704

12. Full name: Thomas FAITG

Signature: _____

Date: _____

Country of Citizenship: France

Residence: Exton, PA
(City and State/City and Country only)

P. O. Address: 206 Falkirk Place
Exton, PA 19341

13. Full name: Hartmut STROBEL

Signature: _____

Date: _____

Country of Citizenship: Germany

Residence: Liederbach, GERMANY
(City and State/City and Country only)

P. O. Address: Erlenweg 22
65835 Liederbach, GERMANY

14. Full name: Sven RUF

Signature: _____

Date: _____

Country of Citizenship: Germany

Residence: Floersheim, GERMANY
(City and State/City and Country only)

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Signature: _____

Date: _____

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Residence: Frankfurt Am Main, GERMANY
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60594 Frankfurt Am Main, GERMANY

16. Full name: Youssef EL-AHMAD

Signature: _____

Date: _____

Country of Citizenship: France

Residence: Creteil, FRANCE
(City and State/City and Country only)

P. O. Address: 11 avenue de Verdun
94000 Creteil, FRANCE

17. Full name: Dominique LESUISSE

Signature: _____

Date: _____

Country of Citizenship: BELGIUM

Residence: Montreuil, FRANCE
(City and State/City and Country only)

P. O. Address: 11 rue des Federes
93100 Montreuil, FRANCE

18. Full name: Didier BÉNARD

Signature: _____

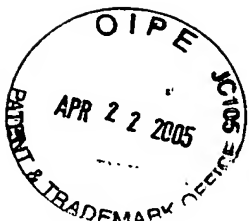
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Aventis Docket No. FRAV2003/0002 US NP

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As a below named inventor(s), I/We hereby declare that:

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Prior Foreign Appln(s):	Number	Country	Day/Month/Year Filed
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Inventors(s): ☒ Additional names and signatures are attached.1. Full name: **Marcel PATEK**

Signature: _____

Date: _____

Country of Citizenship: **United States**Residence: **Tucson, AZ**
(City and State/City and Country only)P. O. Address: **6965 N. Leonardo da Vinci Way**
Tucson, AZ 857042. Full name: **Anil NAIR**

Signature: _____

Date: _____

Country of Citizenship: **India**Residence: **Tucson, AZ**
(City and State/City and Country only)P. O. Address: **12936 Salt Cedar Drive**
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18. Full name: Didier BÉNARD

Signature: _____

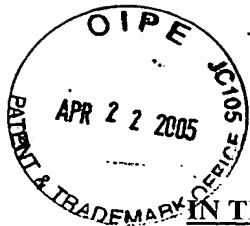
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Aventis Docket No. FRAV2003/0002 US NP



PATENT

Docket No.: FRAV2003/0002 US NP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Patek, Marcel et al.

Examiner: Not yet assigned

Application No.: 10/770,382

Art Unit: 1614

Filed: February 2, 2004

Title: Novel Cyclic Urea Derivatives,
Preparation Thereof and
Pharmaceutical Use Thereof As Kinase
Inhibitors

I hereby certify that this correspondence is being
deposited with the United States Postal Service as First
Class Mail in an envelope addressed to Commissioner
for Patents, P.O. Box 1450, Alexandria, VA 22313-
1450, on

4-19-05
Date of Deposit
Signature *Maribel Mendez*

CONSENT OF ASSIGNEE TO CHANGE OF INVENTORSHIP IN A PATENT APPLICATION UNDER 37 C.F.R. §1.48(a)(5) AND ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION UNDER 37 C.F.R. §3.73

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

AVENTIS PHARMA S.A.

of 20 Avenue Raymond Aron, Antony, Cedex, France owner by assignment of the above
patent application hereby consents to the amendment of the inventorship of this patent as requested in
the accompanying papers.

Additionally, Aventis Pharma S.A. submits this paper as a statement pursuant to 37 C.F.R.
§3.73(b), establishing the right of assignee, Aventis Pharma S.A., to take action in this case. The
basis of the assignee's interest wherein ownership by the assignee is established as follows:

An assignment from the inventors, Marcel Patek, Anil Nair, Daniel Bond, Greg Harlow, Jacques
Mauger, Mark Palermo, Fahad Al-Obeidi, Thomas Faitg, to Aventis Pharmaceuticals Inc.,
recorded in the PTO on July 1, 2004 at Reel/Frame 014804/0049. An assignment from Augustin
Hittinger, Conception Nemecek, Herve Bouchard, Jean-Luc Malleron, Hartmut Strobel, Sven Ruf,
Kurt Ritter, Youssef El-Ahmad and Dominique Lesuisse to Aventis Pharma S.A. recorded in the
PTO on July 1, 2004 at Reel/Frame 014813/0620.

An assignment from Aventis Pharmaceuticals Inc. to Aventis Pharma S.A. recorded in the PTO of the matter identified above, which was recorded in the PTO on August 10, 2004 at Reel/Frame 015058/0894.

(copies attached hereto)

Dated:

Mardi 7. 2005

Respectfully submitted

M. F.

Aventis Pharma S.A.
20 Avenue Raymond Aron
Antony, Cedex
France 92165

Dr M. Jacobi
Vice President
Département des Brevets
Aventis Pharma S.A.

Docket No. FRAV2003/0002₂US NP

Attachments: Recordation of Assignment for U.S. Patent Application 10/770,382 and assignment for recordal by additional inventor.

ASSIGNMENT AND AGREEMENT

For value received and intending to be legally bound, I/we, the undersigned joint inventor(s) (Assignor(s)), sell, assign and transfer to **Aventis Pharma S.A.** (Assignee), 20, Avenue Raymond Aron, Antony, 92165 Cedex, France, and its successors, assigns and legal representatives, the entire right, title and interest in and to my/our invention and any improvements thereon for all countries of the world, relating in and to the application for United States Letters Patent therefor, assigned Attorney Docket No. **FRAV2003/0002 US PSP** and (if filed prior to the execution hereof) filed on **February 2, 2004**, as Serial No. **10/770,382**, entitled

**NOVEL CYCLIC UREA DERIVATIVES, PREPARATION THEREOF AND
PHARMACEUTICAL USE THEREOF AS KINASE INHIBITORS**

and all the rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, including the right to claim priority based on said United States application, and under any and all Letters Patent which may be granted therefor, and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country or patent organization, including continuations, divisions, renewals, revivals, and any substitute applications of said United States application, and any and all patents which may issue thereon, and any reissues, pipelines and extensions, and governmental exclusivity rights of the same.

I/we authorize and request competent authorities to grant and issue any and all patents on said invention to said assignee or its successor, assigns and legal representatives, or to such nominees as said assignee may designate.

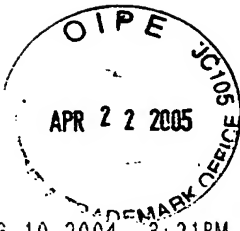
I/we agree that, when requested, I/we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said invention in any and all countries and for vesting title thereto in said assignee, its successors, assigns, legal representatives or nominees.

I/we covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have full right to convey the same as herein expressed.

Signed at Vitry, FRANCE on this 11th day of April, 2005.
(City, State and Nation)

Signature: Didier BÉNARD
Inventor's Name: **Didier BÉNARD**
Residential Address: **4, Allée du Parc
95570 Attainville, FRANCE**

(Add address)



AUG. 10. 2004 3:21PM
TO: US USPTO

AVENTIS US PAT DEPT
ASSIGNMENT

NO. 6254 P. 1

FORM PTO-1585
1-31-02
(modified)

RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being transmitted via facsimile to the Commissioner for Patents, Alexandria, VA 22313-1450, Patent and Trademark Assignment System, at (703) 506-5995, on
Date August 10, 2004
Signature Renee McThurnis

To the Commissioner of Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

AVENTIS PHARMACEUTICALS INC.

2. Name and address of receiving party(ies):

Name: AVENTIS PHARMA S.A.

Internal Address:

Street Address: 20 Avenue Raymond Aron, Anthony

City: Cedex Country: FRANCE ZIP: 92165

Additional name(s) of conveying party(ies) attached? ☐ YES ☒ NO

3. Nature of Conveyance:

☒ Assignment

☐ Security Agreement

☐ Other

☐ Merger

☐ Change of Name

Additional name(s) and address(es) attached? ☐ YES ☒ NO

Execution Date: June 28, 2004

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): 10/770,382

B. Patent No.(s):

Additional numbers attached? ☐ YES ☒ NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Raymond S. Parker, III, Ph.D., Reg. No. 34,893

Internal Address: Aventis Pharmaceuticals Inc.

Street Address: Route 202-206 / P.O. Box 6800

City: Bridgewater State: NJ ZIP: 08807-0800

** FAX NUMBER: (908) 231-2626 **

Our Reference No.: FRAV2003/0002 US NP

6. Total number of applications and patents involved: 1

7. Total (37 CFR 3.41): \$40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number: 18-1982

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Raymond S. Parker, III, Ph.D., Reg. No. 34,893

Name of Person Signing

Date: August 10, 2004
Signature: [Signature]
Total number of pages comprising cover sheet: 3

OMB No. 0651-0011 (exp. 4/04)

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700106591

PATENT
REEL: 015058 FRAME: 0894

CH \$40.00 181982 10770382

ASSIGNMENT AND AGREEMENT

For value received and intending to be legally bound, we, **AVENTIS PHARMACEUTICALS INC.**, of 300 Somerset Corporate Boulevard, Bridgewater, New Jersey 08807-2854, United States of America, (Assignor), sell, assign and transfer to **AVENTIS PHARMA S.A.**, 20, Avenue Raymond Aron, Antony, 92165 Cedex, France, (Assignee), and its successors, assigns and legal representatives, the entire right, title and interest in and to the invention and any improvements thereon, assigned Attorney Docket Number FRAV2003/0002 US NP and (if filed prior to the execution hereof) filed on February 2, 2004, as Serial Number 10/770,382, entitled

**NOVEL CYCLIC UREA DERIVATIVES, PREPARATION THEREOF AND
PHARMACEUTICAL USE THEREOF AS KINASE INHIBITORS**

and all the rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, including the right to claim priority based on said priority applications, and under any and all Letters Patent which may be granted therefore, and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country or patent organization, including continuations, divisions, renewals, revivals, and any substitute applications of the above applications, and any and all patents which may issue thereon, and any reissues, pipelines and extensions, and governmental exclusivity rights of the same.

We authorize and request competent authorities to grant and issue any and all patents on said invention to said assignee or its successor, assigns and legal representatives, or to such nominees as said assignee may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said invention in any and all countries and for vesting title thereto in said assignee, its successors, assigns, legal representatives or nominees.

PATENT
REEL: 015058 FRAME: 0895

2004 3:21PM

AVENTIS US PAT DEPT

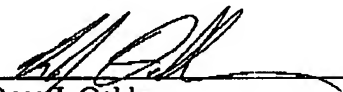
NO. 6254 P. 3

Aventis File No. FRAV2003/0002 US NP

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have full right to convey the same as herein expressed.

Signed at Bridgewater, NJ USA on this 28th day of JUNE, 200⁴.
(City, State and Nation)

AVENTIS PHARMACEUTICALS INC.

By: 
Ross J. Oehler
Vice President